

Connector with printed-circuit board for components



Model	
Product brand name	ALPHA
Design of terminal / Terminal levels internally linked	No
General technical data	
Component type	others
Insulation material	others
Terminal contact spacing	10 mm
Protection class	
Combustibility class acc. to UL 94	others
Main circuit	
Operating voltage / rated value	500 V
Operating current / rated value	6.3 A
Appearance	
Color	black
Product details	
Product component / required / connection plate	No

Number	
Number of terminal levels	0
Number of terminal points / per terminal level	0

Connections	
Connectable conductor cross-section / stranded	
• minimum	1.5 mm ²
• maximum	1.5 mm ²
Connectable conductor cross-section	
• solid	
— minimum	1.5 mm ²
— maximum	1.5 mm ²
• finely stranded	
— with core end processing / minimum	1.5 mm ²
— with core end processing / maximum	1.5 mm ²
— without core end processing / minimum	1.5 mm ²
— without core end processing / maximum	1.5 mm ²
Type of electrical connection	
• 1	screw-type terminal
• 2	screw-type terminal
Position / of the terminal	top

Mechanical Design	
Height / with lowest-profile installation	29 mm
Length	41 mm
Mounting type	others
Material / of the insulating body	Other

Certificates	
Design tested acc. to type of protection / EEx e	No

General Product Approval	Declaration of Conformity	Test Certificates	other
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[Miscellaneous](#)

[Environmental Confirmations](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WA1822-7EE00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/8WA1822-7EE00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8WA1822-7EE00

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>